

MGL-F-593.5/50~100mW



### LD PUMPED ALL-SOLID-STATE YELLOW LASER

All solid state 593.5nm yellow laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



#### SPECIFICATIONS

Wavelength (nm)	593.5 ± 1
Operating mode	CW
Output power (mW)	>50, 60, 80, ..., 100
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Transverse mode	TEM <sub>00</sub>
M <sup>2</sup> factor	<1.5
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~3.0
Beam divergence, full angle (mrad)	<2.0
Polarization ratio	>100:1
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	45
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED PSU-H-FDA PSU-H-OEM
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty period	1 year



MGL-F-593.5	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
<p>211 (L) × 88 (W) × 74 (H) mm<sup>3</sup>, 1.6 kg</p>	<p>277 (L) × 145 (W) × 106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>236 (L) × 145 (W) × 104 (H) mm<sup>3</sup>, 2.3 kg</p>	<p>238 (L) × 146 (W) × 94 (H) mm<sup>3</sup>, 2.2 kg</p>